

WHAT IS CLAIMED IS:

1. A pressure-resistance hose having a watertight structure, the pressure-resistance hose comprising:

5 a hose layer including polyethylene mixed fabrics and at least one watertight film coated on at least one of upper and lower surfaces of the polyethylene mixed fabrics, both ends of the hose layer being overlapped with each other; and

adhesives coated on both overlapped ends of the hose layer
10 such that minute pores of polyethylene mixed fabrics exposed along both overlapped ends of the hose layer are covered with adhesives, thereby preventing a dew condensation phenomenon from occurring on exposed ends or surfaces of the pressure-resistance hose.

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2. A pressure-resistance hose as claimed in claim 1, wherein adhesives coated on the overlapping ends of the hose layer include an adhesive film having a predetermined viscosity and surrounding exposed ends of the pressure-resistance hose.

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3. A pressure-resistance hose as claimed in claim 1, wherein adhesives coated on the overlapping ends of the hose layer include adhesive liquid, which is mildly blended with low viscosity, introduced into ends of the polyethylene mixed
25 fabrics from both ends of a supplied raw fabric in order to shield pores of the polyethylene mixed fabrics.

4. A pressure-resistance hose as claimed in claim 1, wherein the watertight structure of the pressure-resistance
30 hose includes an adhesive agent coated between overlapping surfaces of the hose layer and diffused from overlapping surfaces of the hose layer in order to shield the overlapping

ends of the hose layer when external force is applied thereto by a roller.

5 5. A pressure-resistance hose as claimed in claim 4, wherein the adhesive agent is formed on an adhesive film having predetermined viscosity and surrounding exposed ends of the hose layer.

10 6. A pressure-resistance hose as claimed in claim 1, wherein an inner overlapping end of the hose layer is outwardly bent such that the inner overlapping end makes contact with an outer overlapping end of the hose layer, thereby shielding exposed ends of the polyethylene mixed fabrics surrounded by the watertight film.

15 7. A pressure-resistance hose having a watertight structure, the pressure-resistance hose comprising:

20 a hose layer including polyethylene mixed fabrics and at least one watertight film coated on at least one of upper and lower surfaces of the polyethylene mixed fabrics, both ends of the hose layer being overlapped with each other; and

25 a resin film coated on an inner overlapped end of the hose layer exposed to an inner portion of the pressure-resistance hose, in such a manner that minute pores of polyethylene mixed fabrics exposed along both overlapped ends of the hose layer are covered with the resin film, thereby preventing a dew condensation phenomenon from being created on exposed ends or surfaces of the pressure-resistance hose.

30 8. A pressure-resistance hose as claimed in claim 7, wherein the resin film has a strip shape and is installed at an outer surface of the watertight film coated on the surfaces of

the polyethylene mixed fabrics so as to cover inner portions of both overlapping ends of the hose layer.

5 9. A pressure-resistance hose as claimed in claim 7, wherein the resin film is stacked on the outer surface of the watertight film and has a width larger than a width of the watertight film coated on the surfaces of the polyethylene mixed fabrics in such a manner that one end portion of the resin film covers inner portions of both overlapping ends of
10 the hose layer.

10. A pressure-resistance hose as claimed in claim 7, wherein the resin film includes a U-shaped strip member surrounding the inner overlapping end of the hose layer.

15 11. A pressure-resistance hose as claimed in claim 7, wherein the resin film is stacked on the outer surface of the watertight film and has a width larger than a width of the watertight film coated on the surfaces of the polyethylene mixed fabrics, and one end of the resin film is bent in a U-
20 shape so as to surround the inner overlapping end of the hose layer.

25 12. A pressure-resistance hose as claimed in any one of claims 7 to 11, wherein the resin film is any one selected from the group consisting of a high density polyethylene (HDPE) film, a biaxially oriented polypropylene (BOPP) film, a polyethylene terephthalate (PET) film, a low density polyethylene (LDPE) film, a casting polypropylene (CPP) film, thermoplastic
30 elastomer, and a silicon.